

ABSTRACT

Various embodiments include a system, method and apparatus for providing web pages and content using a storage device, such that the web pages and content are accessed offline. The information and programs that compose the web page are stored in the storage within the device (hereafter Web Server Emulation Device). The Web Server Emulation Device connects to a computing device (hereafter Client Digital Appliance) such as a personal computer, which executes a proxy program. The Client Digital Appliance may also execute a web-browsing program. The proxy captures web browser requests and processes them. If required, the proxy program transfers part or all of a request to the Web Server Emulation Device for further processing. The Web Server Emulation Device may also store user input, such as from an HTML form, to be transmitted to a remote web server when connected to a network such as the Internet.